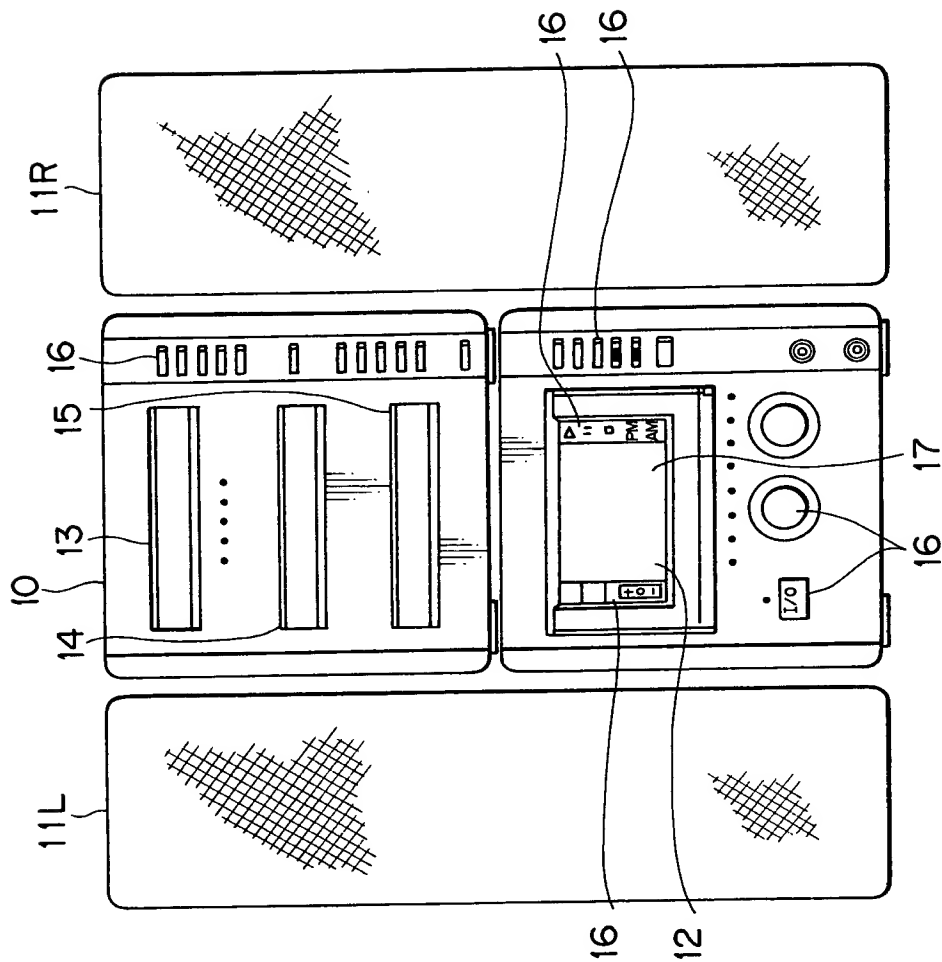




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Invention: Apparatus and Method ... Medium  
Serial No.: 09/690,543

FIG. 1



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FIG. 2A

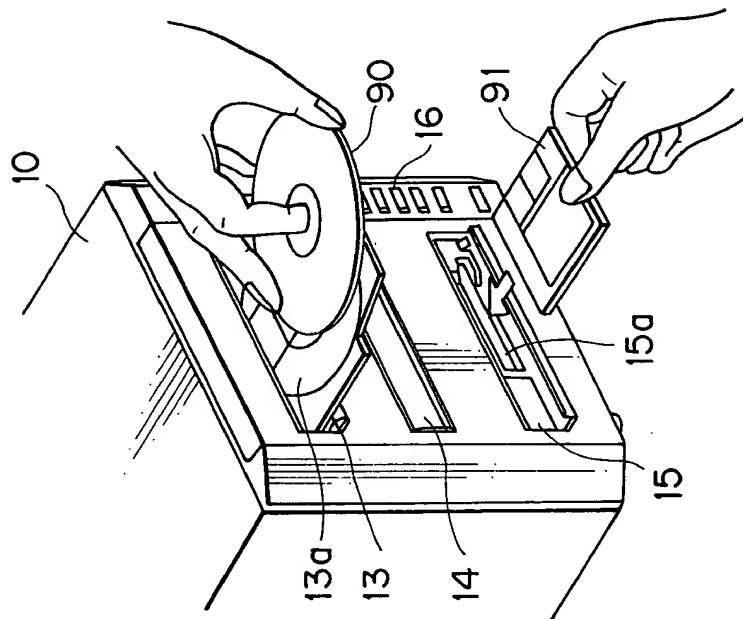
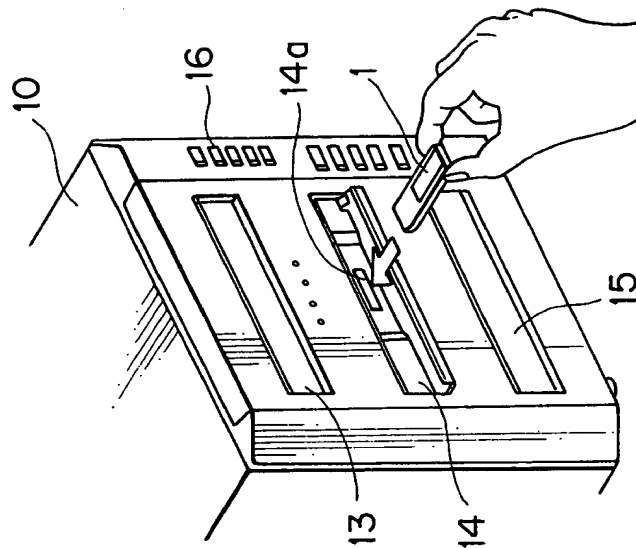


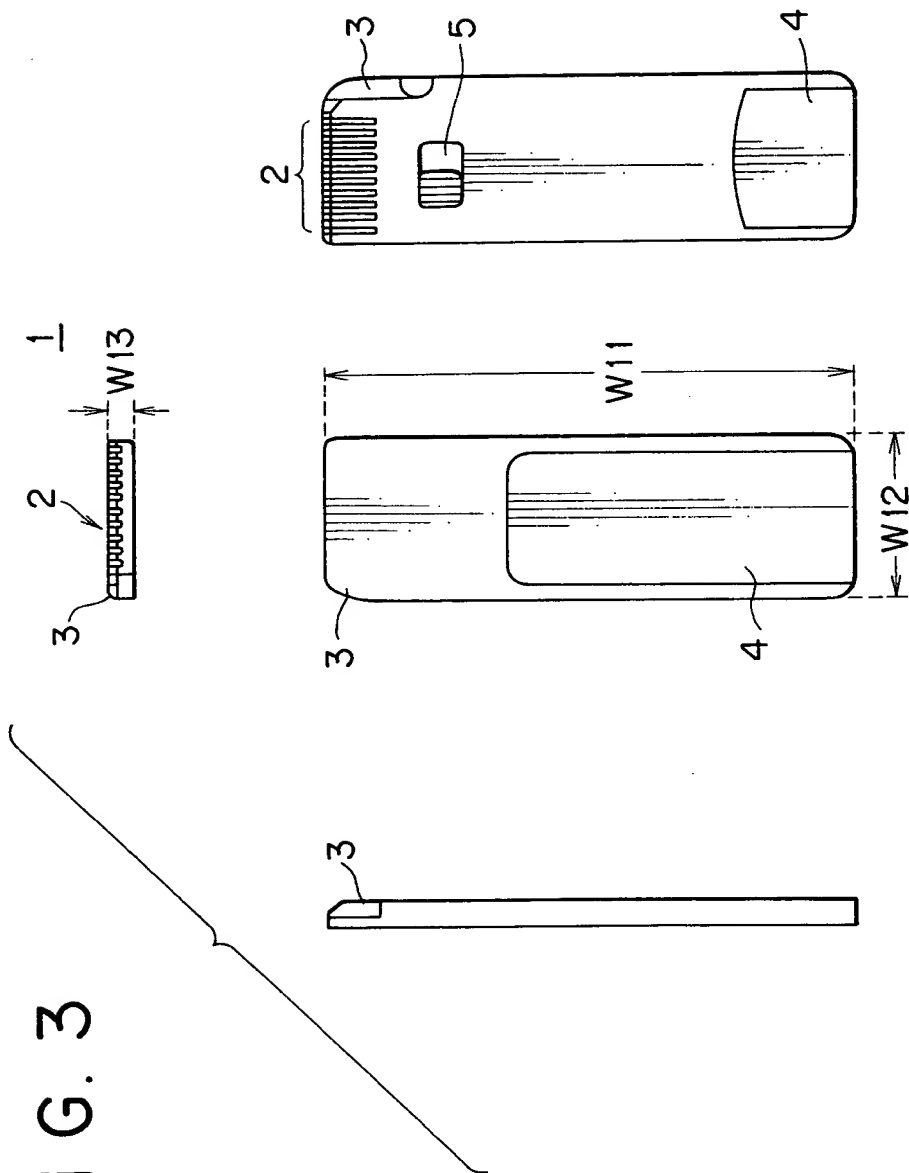
FIG. 2B



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**Serial No.:** 09/690,543

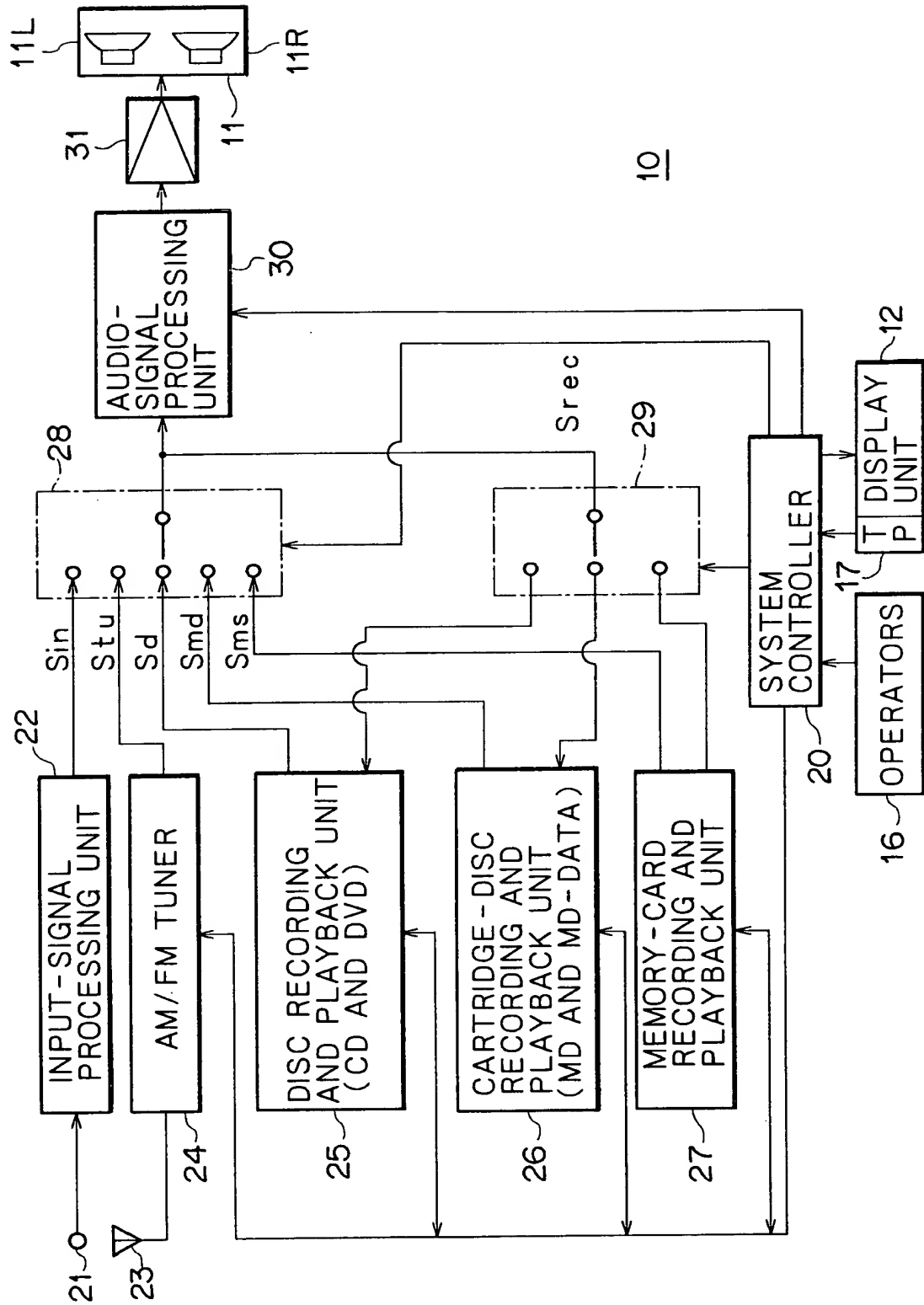


FIG. 3



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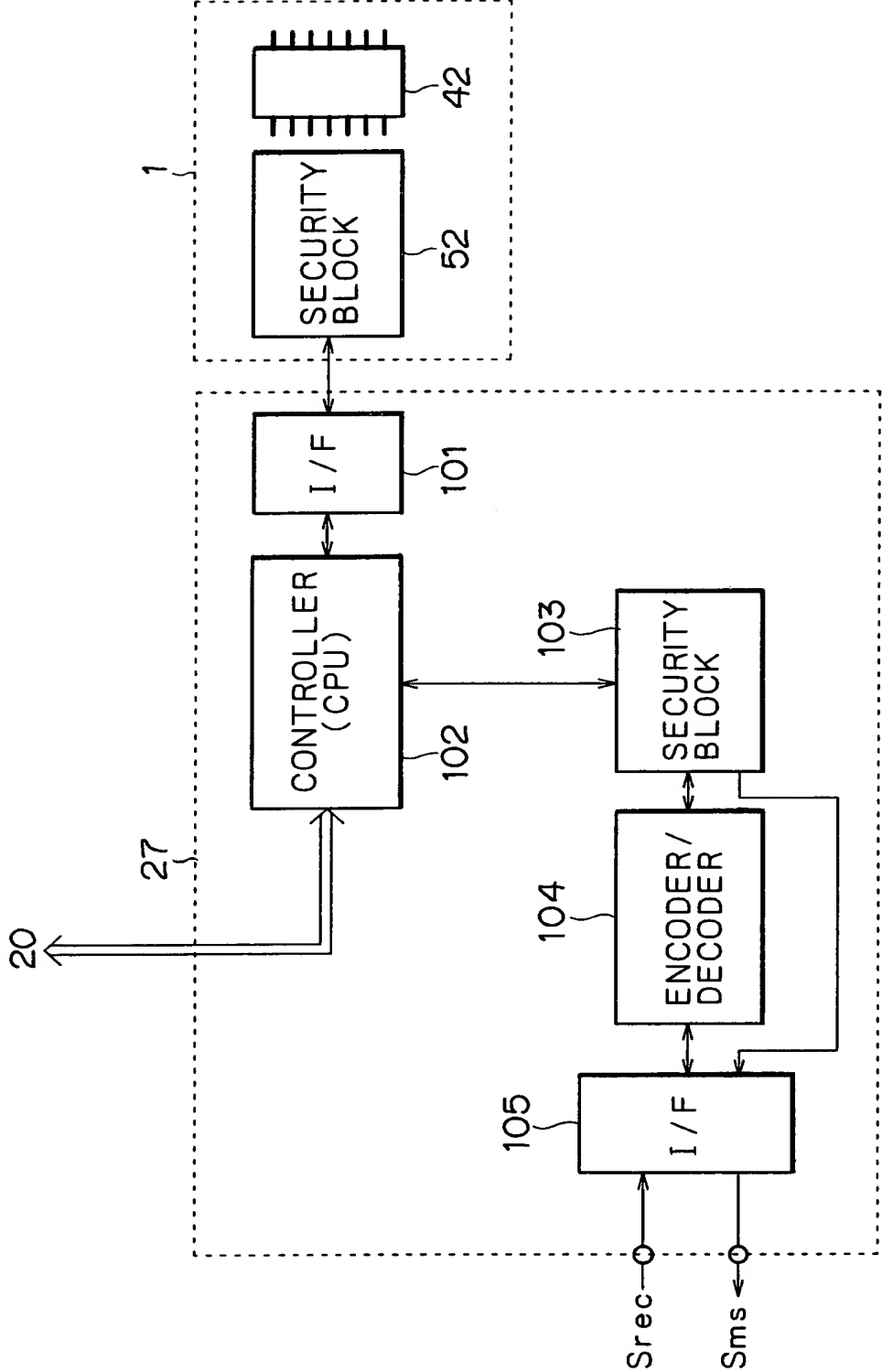
FIG. 4





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FIG. 5



[illegible]



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FIG. 7A

SINGLE-PLATE DISC (SUCH AS CD-DA, CD-R, CD-ROM AND CD-RW)

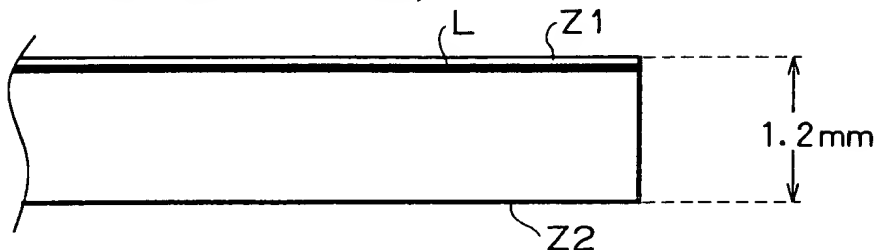


FIG. 7B

SINGLE-LAYER HD DISC (SINGLE-LAYER DVD)

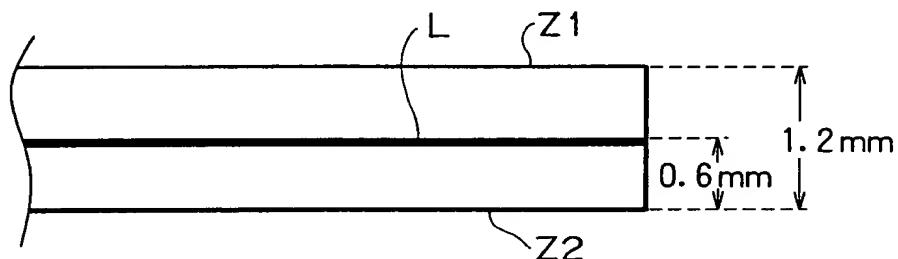


FIG. 7C

HYBRID DISC (SACD)

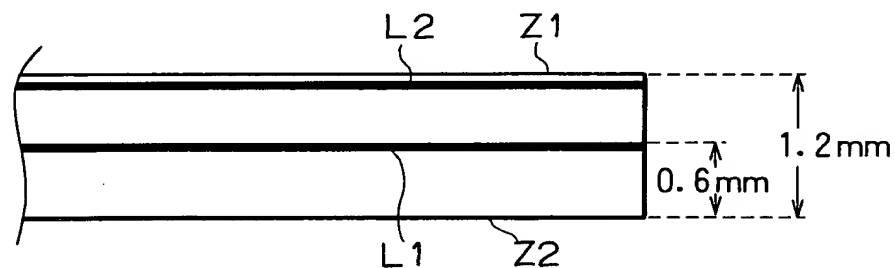
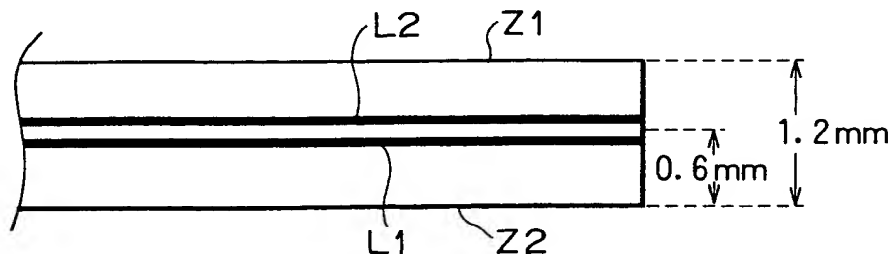


FIG. 7D

MULTI-LAYER HD DISC (DUAL-LAYER DVD)



A circular black and white stamp. The outer ring contains the text "OIP" at the top and "PATENT &amp; TRADEMARK OFFICE" at the bottom. In the center, the date "JUL 07 2003" is stamped.





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**Invention:** Apparatus and Method ... Medium

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FOCUS  
POSITION

DISC  
SURFACE

DISC  
MIDDLE

LEVEL  
SURFACE

FIG. 9A

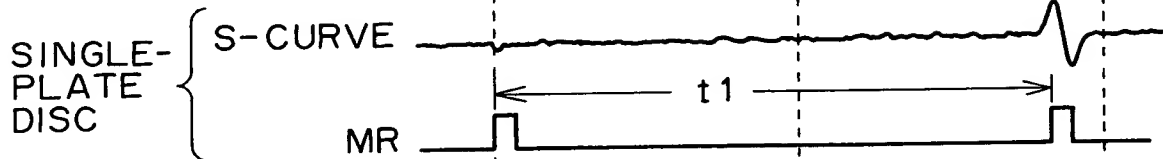


FIG. 9B

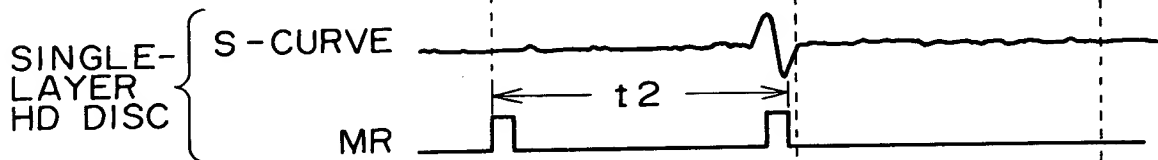


FIG. 9C

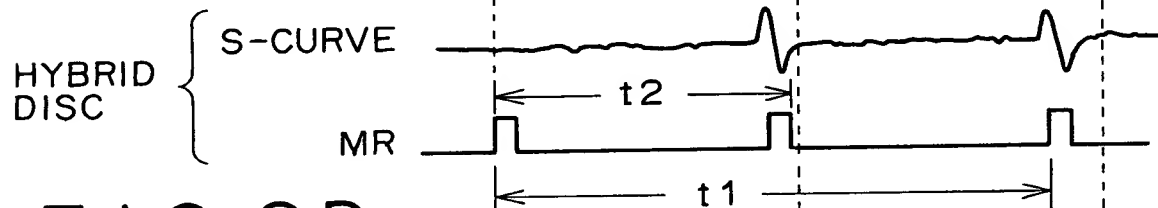
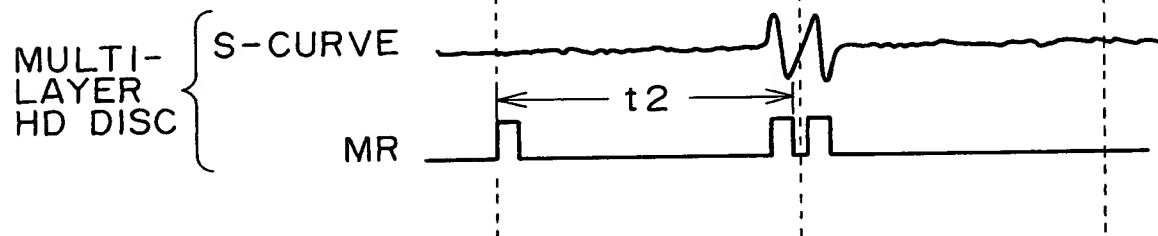


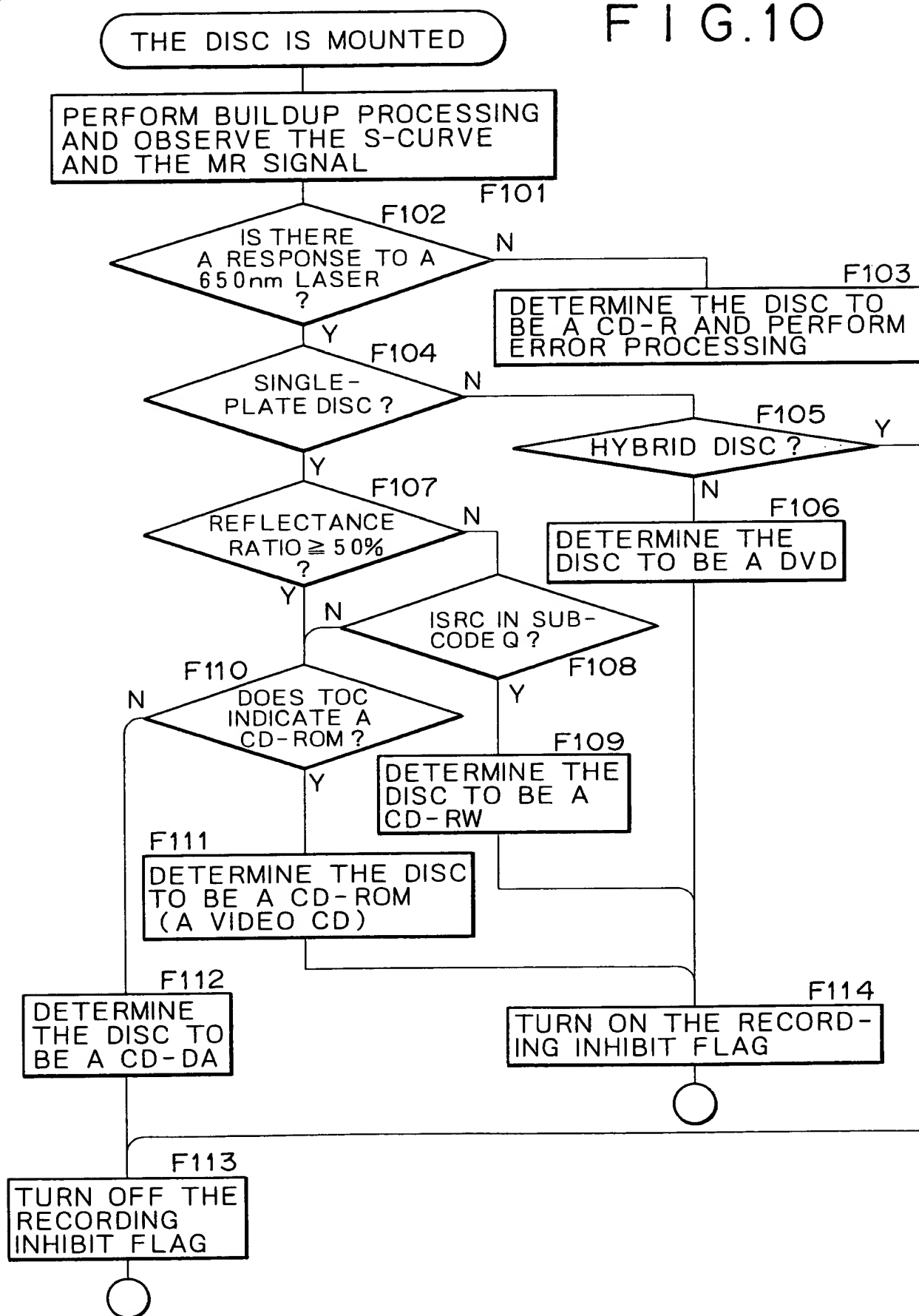
FIG. 9D





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FIG.10



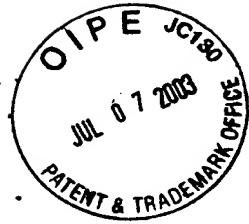
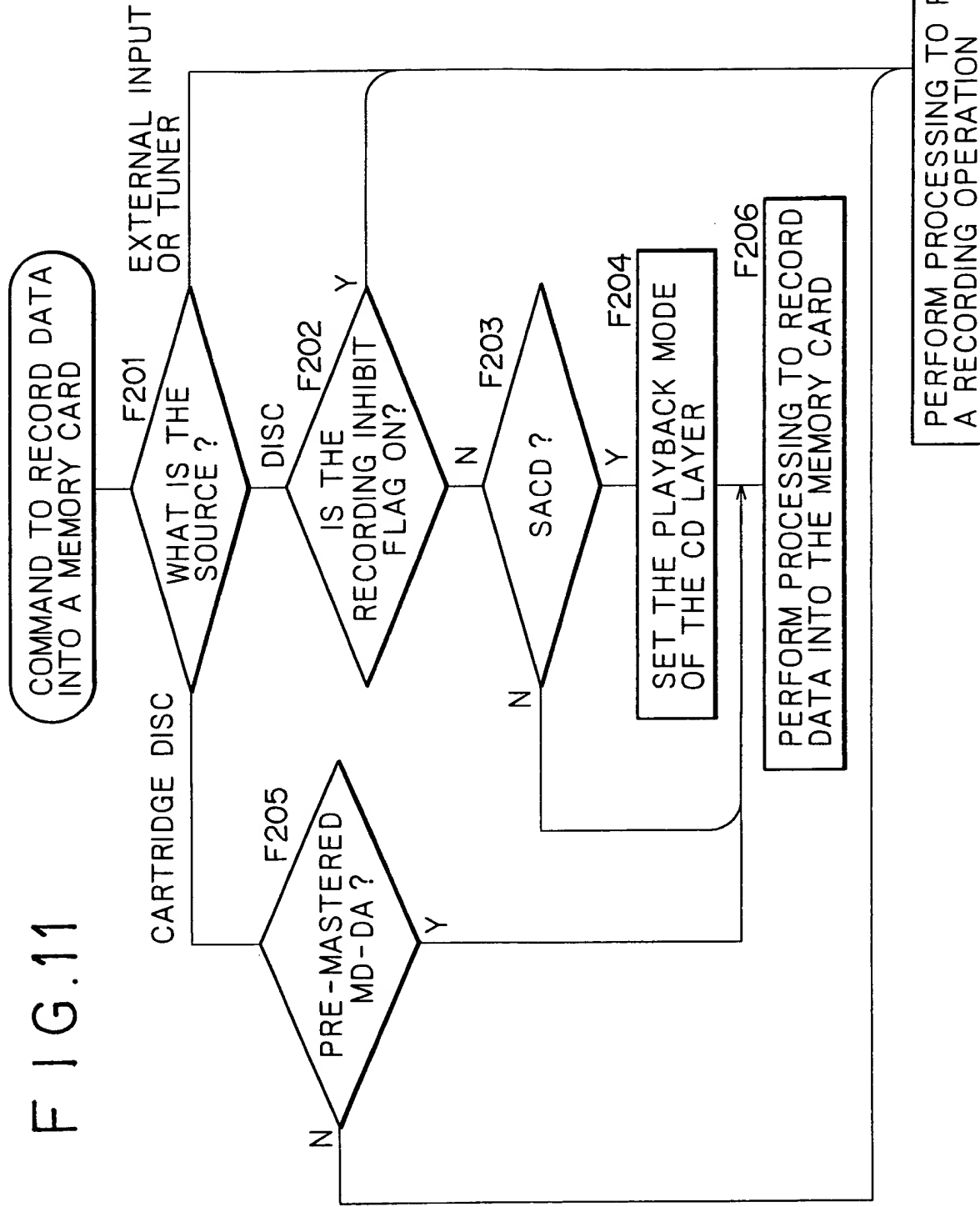


FIG.11



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## FIG.12

SOURCE	PERMISSION OR PROHIBITION OF MEMORY-CARD RECORDING	RECORDING-LAYER STRUCTURE
CD-DA (CD-TEXT, CD-G)	O	SINGLE-PLATE DISC
CD-ROM (VIDEO CD)	X	
CD-RW	X	
CD-R	X	
DVD-ROM	X	SINGLE-LAYER HD DISC OR MULTI-LAYER HD DISC
DVD-R	X	
DVD-RW	X	
SA-CD	ONLY CD LAYER O	HYBRID DISC
MD-DA (PRE-MASTERED)	O	
MD-DA (RECORDABLE TYPE)	X	
MD-DATA	X	
TUNER	X	
EXTERNAL INPUT	X	
MO DISC	X	